IT Unit 4

Topic 2

# Information management

**Ch 6, Security Measures**

**Components of data & information management** (Informatics, p 291-300)

1. What is the role of an information system?
2. What comprises an information system?

**People**

1. Explain the roles that people play in an IS.

**Processes**

1. What are the typical processes in data and information systems?
2. How can processes impact on the efficiency & effectiveness of an IS?

**Digital systems**

1. What are the three key components of a digital system?
2. Distinguish between the three different types of software.
3. What is a network?
4. What are the advantages and disadvantages of using a network?
5. What is “the cloud”?
6. Describe the advantages and disadvantages of using the cloud.

**Evaluating information management strategies** (Informatics, p 299)

1. What is the purpose of evaluating a strategy? How is this different from testing?
2. What is the purpose of setting criteria, what should they be based on and when should they be set?

**Effectiveness and Efficiency** criteria to evaluate:

1. Elaborate under each of the following criteria in relation to **effectiveness:**
   1. Integrity of data
   2. Security
   3. Ease of retrieval
   4. Currency of files
2. Efficiency; elaborate under each of the following:
   1. Time, (speed)
   2. Cost
   3. Labor requirements, effort